



Space Imaging Services – 5915 Hollis Street – Building B – Emeryville, CA 94608

7/14/01

Dr. Ghassem R. Asrar
Associate Administrator for Earth Science
National Aeronautics and Space Administration, Code YO
300 East Street SW
Washington, DC 20546-0001

Dear Dr. Asrar:

I am writing in regards to the Kentucky grant proposal submitted in response to NASA BAA-01-OES-01.

We have been working with the Kentucky Office of Geographic Information in response to the State, Local and Tribal Government NASA Broad Agency Announcement. We feel privileged to work with such a committed team of State and Federal agencies and the academic community to achieve this ambitious but vital project. The project encapsulates use of technology to aid planning and operational decisions across States, and is a model that once established in Kentucky will provide an example of how this information can be used in other regions. We intend through this contract to communicate our knowledge of operational remote sensing, application development and GIS to the Commonwealth of Kentucky, where it will be operationalized and held up as an example for the rest of the United States.

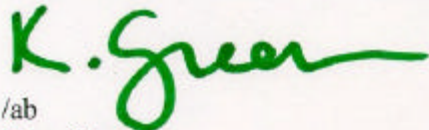
We will bring our experience in both forest mapping and forest inventory to the assessing and monitoring the forest resources for the Commonwealth. We will also leverage off our experience with the analysis of high-resolution digital imagery for mapping the extent of urbanization in the Kentucky. We have developed methods for the automated classification of high and medium resolution imagery and change detection that enable rapid and accurate mapping of multiple types of land cover, all this experience will be brought to this project.

The GeoBooks described in this proposal will be based on the development of many different types of GeoBooks that have been developed for a wide cross-section of clients in the past, including ESRI, the insurance industry, forest organizations, military bases, cities and watershed councils.

The Project Manager for this project will be Dr. Andrew Brenner who is our Regional Director based in Michigan, he has experience running the mapping and forest inventory project for the State of Michigan, where we are using high and medium resolution data to

map general land cover of the State and provide detailed land cover on State-Owned Lands, and then link this information to the FIA forest inventory plots and the State Forest Inventory. The project will be run primarily out of his office, and supported by experts throughout the company, including our Chief Scientist Dr. Russ Congalton and the Remote Sensing Solutions Manager, Mr. Mark Brennan. Dr. Andrew Brenner is our primary contact for this proposed project; please contact Andrew if you have questions about the role of our company in the Kentucky grant proposal. His telephone number is 734-213-1060, e-mail abrenner@pacificmeridian.com.

Sincerely,



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President Space Imaging Services

cc: Susan Carson Lambert